



AREA 640 ACRES  
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico

WELL RECORD

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

TEXACO Inc.

State of New Mexico

(Company or Operator)

(Lease)

Well No. 8, in NW 1/4 of NW 1/4, of Sec. 30, T. 17-S, R. 35-E, NMPM.

Pool, Lea County.

Well is 500 feet from West line and 550 feet from North line

of Section 30. If State Land the Oil and Gas Lease No. is B-1722-1

Drilling Commenced October 2, 1964. Drilling was Completed November 4, 1964

Name of Drilling Contractor Marcum Drilling Company

Address P. O. Box 5094 - Midland, Texas

Elevation above sea level at Top of Tubing Head 4002' (D. F.)

March, 1965. The information given is to be kept confidential until

See the attached sheet.

OIL SANDS OR ZONES

No. 1, from to No. 4, from to

No. 2, from to No. 5, from to

No. 3, from to No. 6, from to

Drilled with rotary tools and no water sands tested.

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

CASING RECORD

| SIZE    | WEIGHT PER FOOT | NEW OR USED | AMOUNT | KIND OF SHOE | CUT AND PULLED FROM | PERFORATIONS | PURPOSE      |
|---------|-----------------|-------------|--------|--------------|---------------------|--------------|--------------|
| 13 3/8" | 48.00           | NEW         | 358'   | Howco        | NONE                | NONE         | Surface      |
| 9 5/8"  | 36.00           | NEW         | 4785'  | Howco        | NONE                | NONE         | Intermediate |
| 2 7/8"  | 6.50            | NEW         | 10287' | Howco        | NONE                | See attached | Production   |
| 2 7/8"  | 6.50            | NEW         | 10287' | Howco        | NONE                | See attached | Production   |
| 2 7/8"  | 6.50            | NEW         | 10287' | Howco        | NONE                | See attached | Production   |

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MUDDING AND CEMENTING RECORD

| SIZE OF HOLE | SIZE OF CASING | WHERE SET | NO. SACKS OF CEMENT | METHOD USED | MUD GRAVITY | AMOUNT OF MUD USED |
|--------------|----------------|-----------|---------------------|-------------|-------------|--------------------|
| 17 1/2"      | 13 3/8"        | 374'      | 450                 | HOWCO       |             |                    |
| 12 1/4"      | 9 5/8"         | 4800'     | 500                 | HOWCO       |             |                    |
| 8 5/8"       | 2 7/8"         | 10300'    | 1800                | HOWCO       |             |                    |
| 8 5/8"       | 2 7/8"         | 10300'    | 1800                | HOWCO       |             |                    |
| 8 5/8"       | 2 7/8"         | 10300'    | 1800                | HOWCO       |             |                    |

RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

See the attached sheet.

Result of Production Stimulation. See the attached sheet.

Depth Cleaned Out 10,300'

# RECORD OF DRILL-STEM AND SPECIAL TESTS

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 10,300 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing November 20, 1964

OIL WELL: The production during the first 24 hours was 241 barrels of liquid of which 98% was oil; - - - % was emulsion; 2% water; and - - - % was sediment. A.P.I. Gravity 39.1

GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut In Pressure lbs.

Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

### Southeastern New Mexico

T. Anhy 1600'  
T. Salt 1680'  
B. Salt 2780'  
T. Yates 2865'  
T. 7 Rivers  
T. Queen  
T. Grayburg  
T. San Andres 4486'  
T. Glorieta 5984'  
T. Blinberry 6648'  
T. Tubbs 7385'  
T. Abo 8017'  
T. Wolfcamp 9405'  
T. Miss

T. Bursum 9960'  
T. Penn 10110'

T. Montoya  
T. Simpson  
T. McKee  
T. Ellenburger  
T. Gr. Wash  
T. Granite  
T.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo  
T. Kirtland-Fruitland  
T. Farmington  
T. Pictured Cliffs  
T. Menefee  
T. Point Lookout  
T. Mancos  
T. Dakota  
T. Morrison  
T. Penn  
T.  
T.  
T.

## FORMATION RECORD

| From  | To    | Thickness in Feet | Formation          | From | To | Thickness in Feet | Formation |
|---|-------|-------------------|--------------------|------|----|-------------------|-----------|
| 0   | 120   | 120               | Caliche            |      |    |                   |           |
| 120   | 780   | 660               | Redbed             |      |    |                   |           |
| 780   | 1600  | 820               | Redbed & Sand      |      |    |                   |           |
| 1600  | 1680  | 80                | Anhy               |      |    |                   |           |
| 1680  | 2780  | 1100              | Salt               |      |    |                   |           |
| 2780  | 3450  | 670               | Anhy & Salt        |      |    |                   |           |
| 3450  | 4610  | 1160              | Anhy & Lime        |      |    |                   |           |
| 4610  | 5690  | 1080              | Lime               |      |    |                   |           |
| 5690  | 6535  | 845               | Lime & Sand        |      |    |                   |           |
| 6535  | 7288  | 753               | Lime               |      |    |                   |           |
| 7288  | 8460  | 1172              | Lime, Sand & Shale |      |    |                   |           |
| 8460  | 9870  | 1410              | Lime & Sand        |      |    |                   |           |
| 9870  | 10300 | 430               | Lime, Sand & Shale |      |    |                   |           |
| Total Depth 10300   |       |                   |                    |      |    |                   |           |
| All measurements from rotary table or 13' above ground level. |       |                   |                    |      |    |                   |           |
| Estimate Number 8199  |       |                   |                    |      |    |                   |           |
| 6 - NMOC - Hobbs, New Mexico                                  |       |                   |                    |      |    |                   |           |
| 1 - SIO - Santa Fe, New Mexico                                |       |                   |                    |      |    |                   |           |
| 1 - Field   |       |                   |                    |      |    |                   |           |
| 1 - File  |       |                   |                    |      |    |                   |           |

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

Company or Operator TEXACO Inc.  
Name H. D. Raymond  
Address P. O. Box 728 - Hobbs, New Mexico  
Position or Title Assistant District Superintendent  
Date December 18, 1964

State of New Mexico "N" Well No. 8

Spudded 17½" hole 6:30 A.M. October 2, 1964. Ran 358' of 13 3/8" O.D. Casing and cemented at 374' with 450 Sx. neat with CACL. Plug at 344'. Cement Circulated. Tested before and after drilling plug for 30 minutes with 600 P.S.I. Tested O.K. Job complete 11:00 P.M. October 3, 1964.

Ran 4785' of 9 5/8" O.D. Casing and cemented at 4800' with 300 Sx. Incor 8% gel, plus 200 Sx. Incor neat. Plug at 4771'. Tested before and after drilling plug for 30 minutes with 1000 P.S.I. Tested O.K. Job complete 3:00 P.M. October 17, 1964.

Vacuum Abo North Zone: Ran 10,287' of 2 7/8" O.D. Casing, 6.50 LB, J-55, NEW, and cemented at 10,300', with 3' sub and RA collar at 9244', Plug at 10,294'.

Vacuum Wolfcamp Zone: Ran 10,287' of 2 7/8" O.D. Casing, 6.50 LB, J-55, NEW, and cemented at 10,300', with 2' sub and RA collar at 9606', Plug at 10,292'.

Vacuum Upper Penn Zone: Ran 10,287' of 2 7/8" O.D. Casing, 6.50 LB, J-55, NEW, and cemented at 10,300', with 2' sub and RA collar at 9660', Plug at 10,294'.

Pump plugs down with 500 gals acetic acid. Cement above strings of 2 7/8" Casing with 800 Sx. Incor 8% gel with FRA, plus 1000 Sx. Incor 4% gel. Job complete 11:45 A.M. November 8, 1964. Tested above strings of 2 7/8" Casing for 30 minutes with 1500 P.S.I. Tested O.K. Job complete 9:00 A.M. November 10, 1964.

Vacuum Wolfcamp Zone: Perforate 2 7/8" O.D. Casing with one jet shot at 10,072', 10,074', 10,076', 10,089', 10,091', and 10,097'. Acidize with 500 gals acetic acid. Swab well. Re-acidize with 1000 gals 15% NE acid in two stages with three ball sealers between stages.

On 24 Hour Potential Test well flowed through 19/64" choke ending 7:00 A.M. November 21, 1964, 236 BO and 5 BBL Water.

GOR - 1165

GRAVITY - 39.1

TOP OF PAY - 10,072'

BTM OF PAY - 10,097'

NMOCC DATE - November 4, 1964

TEXACO Inc. DATE - November 21, 1964

Vacuum Abo North Zone: Perforate 2 7/8" Casing with two jet shots at 9156', 9168', 9172', 9213', 9219', 9236', 9247', 9255', 9266', 9272', and 9299'. Acidize with 500 gals acetic acid. Swab well dry. Re-acidize with 10,000 gals 15% NE acid in four stages with six ball sealers between stages. Shut zone in.

Vacuum Upper Penn Zone: Perforate 2 7/8" Casing with one jet shot per foot from 10,171' to 10,181'. Acidize with 500 gals acetic acid. Swab well dry. Re-acidize with 1000 gals 15% NE acid. Slight show of oil and gas. Set plug at 10,110'. Perforate 2 7/8" Casing with two jet shots at 6100', 6106', 6113', and 6115'. Acidize with 1000 gals 15% NE acid. Swab well. Squeeze perforations with 75 Sx. LWL cement. Perforate 2 7/8" Casing with 2 jet shots at 6100', 6106', 6113', and 6115'. Swab well. Squeeze with 75 Sx. Vis-squeeze. Swab well. Acidize with 300 gals acetic acid. Swab well dry. Re-acidize with 1000 gals 15% NE acid. Swab well dry. Squeeze perforations with 100 Sx. Class "A" LWL cement. Perforate 2 7/8" Casing with two jet shots at 6113', 6115', and 6130'. Acidize with 1000 gals 15% NE acid. Swab well dry. Shut zone in.

I W. E. Morgan being of lawful age and being  
the Assistant to the District Supt. for TEXACO Inc., do state  
that the deviation record which appears on this form is  
true and correct to the best of my knowledge.

W. E. Morgan  
W. E. Morgan

Subscribed and sworn to before me this 23rd day of  
November, 19 64.

My commission expires October 20, 1966.

Notary ~~Republic~~ R. E. Johnson  
for Lea County, State of New Mexico.  
Lease State of New Mexico "N" Well No. 8

Deviation Record

| <u>Depth</u> | <u>Degrees Off</u> |
|--------------|--------------------|
| 130'         | 0                  |
| 377'         | 1/4                |
| 720'         | 1/2                |
| 1272'        | 1/4                |
| 1680'        | 3/4                |
| 2465'        | 1                  |
| 2860'        | 3                  |
| 2994'        | 3                  |
| 3230'        | 1 1/2              |
| 3360'        | 1 1/2              |
| 3765'        | 3/4                |
| 4370'        | 3/4                |
| 4724'        | 3/4                |
| 5304'        | 1 1/2              |
| 5700'        | 1 1/2              |
| 5910'        | 1 1/2              |
| 6010'        | 1 1/2              |
| 6361'        | 1 1/2              |
| 6710'        | 1                  |
| 6927'        | 3/4                |
| 7280'        | 1                  |
| 7460'        | 1 1/4              |
| 7825'        | 1 1/4              |
| 8106'        | 1 1/2              |
| 8684'        | 1 1/4              |
| 8990'        | 1 1/4              |
| 9140'        | 1 1/2              |
| 9265'        | 1 1/2              |
| 9820'        | 1 1/4              |
| 10110'       | 1 1/2              |
| 10200'       | 2 1/4              |